

AMIDES OF HYALURONIC ACID AND THE DERIVATIVES THEREOF AND A PROCESS FOR THEIR PREPARATION

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An amide of hyaluronic acid or a derivative thereof which comprises at least one repetitive unit of general formula (I); wherein R = NR₆R₇, or alcoholic group of the aliphatic, aromatic, arylaliphatic, cycloaliphatic, heterocyclic series, OH, O-, alcoholic group of hyaluronic acid, amino group of deacylated hyaluronic acid; R₁, R₂, R₃, R₄ = H, SO₃-, acyl group derived from a carboxylic acid of the aliphatic, aromatic, arylaliphatic, cycloaliphatic, heterocyclic series, -CO- (CH₂)₂-COOY; Y = negative charge, or H; R₅ = -CO-CH₃, H, SO₃-, acyl group derived from a carboxylic acid of the aliphatic, aromatic, arylaliphatic, cycloaliphatic, heterocyclic series, acyl group of hyaluronic acid; R₆ = is H or a aliphatic, aromatic, arylaliphatic, cycloaliphatic, or heterocyclic group, substituted or unsubstituted; R₇ = is H or an aliphatic, aromatic, arylaliphatic, cycloaliphatic, or heterocyclic group, substituted or unsubstituted; wherein at least one of R or R₅ forms an amide group.

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